

# **Draft**

# **Increment 2 Software Baseline**

# **Review**

## **Ad-Hoc Report Assistant**

**02 July 2003**

# Ad-Hoc Report Assistant



Logged In - Microsoft Internet Explorer

Address: http://flounder.gtn21.northgrum.com

WebFOCUS Report Assistant - Microsoft Internet Explorer

To begin, highlight field(s) and click ADD in List Mode or drag and drop fields in Tree Mode

Fields | Field Options | Headings | Selection Criteria | Report Options

Fields: ☒ List ☐ Tree Options

View

Name	Alias
<input type="checkbox"/> MOVE_MODE	MOVE_MODE
<input type="checkbox"/> MOVE_MOVEMENT_ID	MOVE_MOVEMENT_ID
<input type="checkbox"/> MOVE_PAX_STATUS	MOVE_PAX_STATUS
<input type="checkbox"/> MOVE_TYPE_ID	MOVE_TYPE_ID
<input type="checkbox"/> MOVE_ASSET_TYPE	MOVE_ASSET_TYPE
<input type="checkbox"/> MOVE_ASSET_ID	MOVE_ASSET_ID
<input type="checkbox"/> MOVE_LIFT_OP	MOVE_LIFT_OP
<input type="checkbox"/> MOVE_ORIGIN_ICAO	MOVE_ORIGIN_ICAO
<input type="checkbox"/> MOVE_ORIGIN	MOVE_ORIGIN
<input type="checkbox"/> MOVE_STD	MOVE_STD
<input type="checkbox"/> MOVE_ETD	MOVE_ETD
<input type="checkbox"/> MOVE_ATD	MOVE_ATD

Column Fields:

☐ Sum ☒ Detail

MOVE\_PAX\_STATUS  
MOVE\_TYPE\_ID  
MOVE\_MODE  
PAX\_FULLNAME  
PAX\_SSN\_ID

Compute New Column

Sort Fields:

NAME\_SSN

Across Fields:

Compute Temporary Field

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submit clear

Ad Hoc Report Assistant

Options

Domains For: Brett Schrey

BrettTestDomain

Submit Refresh

BrettTestDomain

Standard Reports

Reporting Objects

I&S

PAX

PAX\_Detail

PAX\_Report

PAX\_Summary

Temporary

My Reports

Shared Reports

The Ad-Hoc Report Assistant is launched from the portlet by selecting a reporting object and selecting Report Assistant.

# Passenger - Custom Field Selection



WebFOCUS Report Assistant - Microsoft Internet Explorer

To begin, highlight field(s) and click ADD in List Mode or drag and drop fields in Tree Mode

**Fields** | Field Options | Headings | Selection Criteria | Report Options

Fields: ☒ List ☐ Tree Options

View

Name	Alias
<input checked="" type="checkbox"/> MOVE_MODE	MOVE_MODE
<input checked="" type="checkbox"/> MOVE_MOVEMENT_ID	MOVE_MOVEMENT_ID
<input checked="" type="checkbox"/> MOVE_PAX_STATUS	MOVE_PAX_STATUS
<input checked="" type="checkbox"/> MOVE_TYPE_ID	MOVE_TYPE_ID
<input checked="" type="checkbox"/> MOVE_ASSET_TYPE	MOVE_ASSET_TYPE
<input checked="" type="checkbox"/> MOVE_ASSET_ID	MOVE_ASSET_ID
<input checked="" type="checkbox"/> MOVE_LIFT_OP	MOVE_LIFT_OP
<input checked="" type="checkbox"/> MOVE_ORIGIN_ICAO	MOVE_ORIGIN_ICAO
<input checked="" type="checkbox"/> MOVE_ORIGIN	MOVE_ORIGIN
<input checked="" type="checkbox"/> MOVE_STD	MOVE_STD
<input checked="" type="checkbox"/> MOVE_ETD	MOVE_ETD

Column Fields:

☐ Sum ☒ Detail

MOVE\_PAX\_STATUS  
MOVE\_TYPE\_ID  
MOVE\_MODE  
PAX\_FULLNAME  
PAX\_SSN\_ID

Compute New Column

Sort Fields:

NAME\_SSN

Across Fields:

Help  
About  
Run  
Run Deferred  
Save  
Save As  
Quit

Primary Field

FOCUS

The user has modified the **Column Fields** selection to only include specific fields required for this report.

The Columns represent the names of the fields in the development environment. These column names will change in the process of development.

The default query settings are provided when the user first opens a Reporting Object with the Report Assistant.

The user has modified the **Sort Fields** section to only sort by the NAME\_SSN field.

# Passenger - Renaming Field Selections



WebFOCUS Report Assistant - Microsoft Internet Explorer

Highlight the field you want to customize

Fields | **Field Options** | Headings | Selection Criteria | Report Options

Column Fields:

- MOVE\_PAX\_STATUS
- MOVE\_TYPE\_ID
- MOVE\_MODE
- PAX\_FULLNAME**
- PAX\_SSN\_ID

Field Title

Passenger  
Name

Sort Fields:

NAME\_SSN

Column Options:

(None)

Current field format:

A201

Change

Styling options:

Field

Sort Down

Conditional

All Fields

Across Fields:

☒ Visible

☐ Include missing instances

Help

About

Run

Run Deferred

Save

Save As

Quit

The **Field Title** section allows the user to re-name any, or all, fields as they desire.

The **Column Fields** section represents the actual name associated with the entity on the WebFOCUS Master File.

The **Sort Fields** and **Column Options** sections allow the user to specify ascending/descending sorts, visible/invisible sort column, and various other sorting options.

# Passenger - Creating a Report Heading



WebFOCUS Report Assistant - Microsoft Internet Explorer

Highlight field then drag and drop into Heading or Footing

Fields Field Options **Headings** Selection Criteria Report Options

Font Times New Roman Size 12

Page Heading: ☐ Centered

Passenger Detail Information - <PAX\_FULLNAME <PAX\_SSN\_ID

Page Footing: ☐ Centered ☐ Bottom

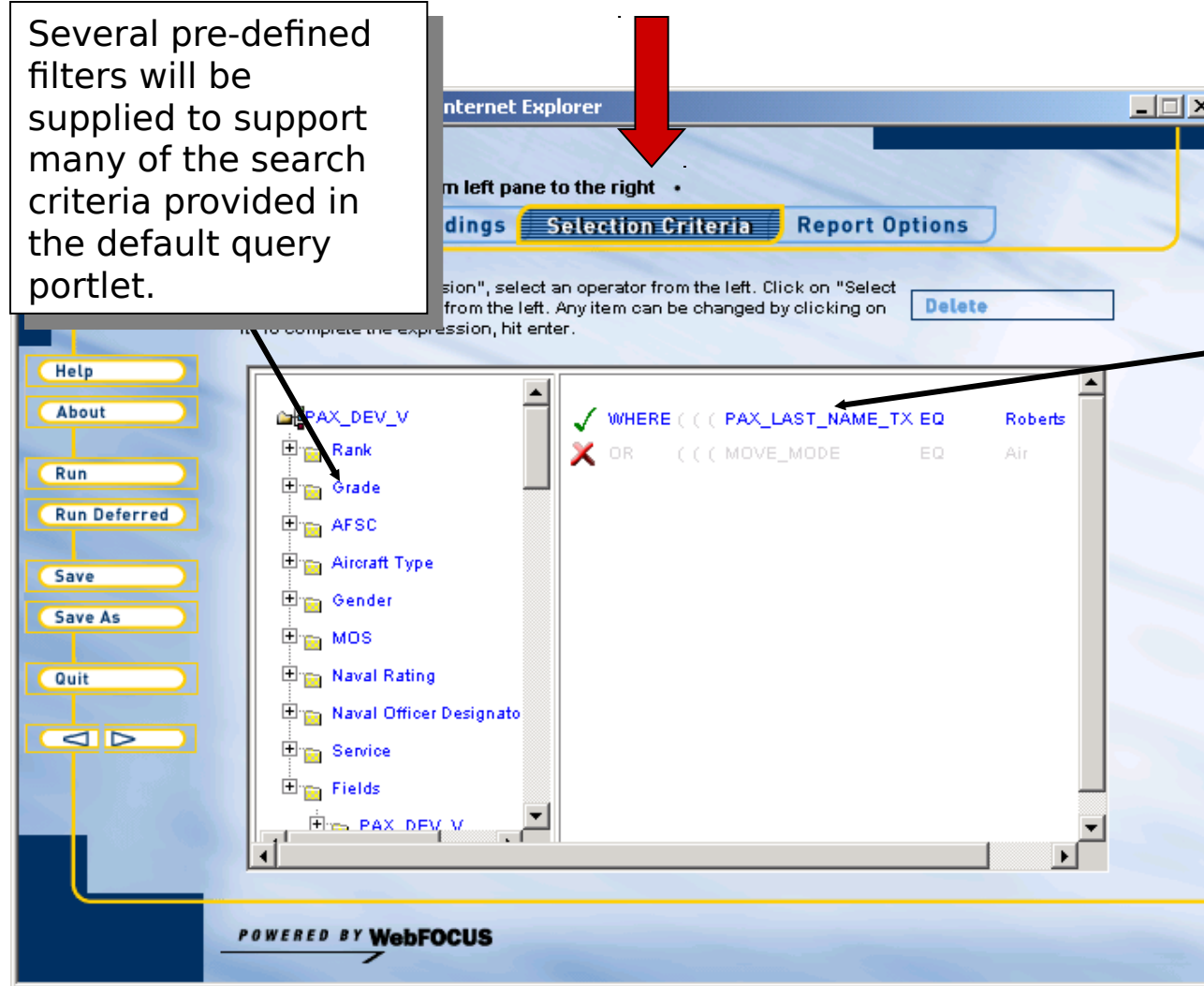
POWERED BY WebFOCUS

User's may include a custom report heading in the **Page Heading** section. The user has supplied several font/formatting options for the header of the report. In addition to custom text, the user can enter fields that can be displayed in the headings

User's may include a custom report footing in the **Page Footing** section. The user has supplied several font/formatting options for the footing of the report.

# Passenger - Defining Report Selection Criteria

Several pre-defined filters will be supplied to support many of the search criteria provided in the default query portlet.



User's may add custom selection criteria to constrain the Ad-Hoc Report.

Using custom criteria, along with pre-defined filters, the user will be able to reproduce any query possible in the default query portlets.



# Passenger - Customizing Formatting Options



WebFOCUS Report Assistant - Microsoft Internet Explorer

Select options to be used for the entire report

Fields | Field Options | Headings | Selection Criteria | **Report Options**

Help  
About  
Run  
Run Deferred  
Save  
Save As  
Quit

Display Format: HTML

Page Numbering: ON

Record Limit:

Read Limit:

Total by:  
☐ Row ☐ Column

Report Title:

Summary Text for Report:

Report Style

☐ Enable Grid  
☐ On-demand Paging  
☒ Generate Internal CSS  
☐ Use Accessibility features (Section 508)

OLAP  
Automatic Drill Down: None  
Enable OLAP: None

POWERED BY WebFOCUS

General report formatting options can be specified in the **Report Style** section of the Report Options page.

# Passenger - Customized Ad-Hoc Report



FOCUS Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Print View Source

Address

Passenger Detail Information - Tony Roberts 123456789

<u>Passenger Status</u>	<u>Identifier</u>	<u>Mode</u>	<u>Passenger Name</u>	<u>PIN (SSN)</u>	<u>Movement ID</u>	<u>Asset Type</u>	<u>Asset ID</u>	<u>Destination</u>	<u>Arrival Time (Scheduled)</u>	<u>Arrival Time (Estimated)</u>
Manifested	1	Air	Tony Roberts	123456789	X00ADW172210	C5A	1234567	DOVER AIRPORT	2003-04-24 00:00:00.000000	2003-04-24 00:00:00.000000
Booked	3333	Air	Tony Roberts	123456789	X00ADW172210	C5A	1234567	DOVER AIRPORT	2003-04-24 00:00:00.000000	2003-04-24 00:00:00.000000
Booked	1	Air	Tony Roberts	123456789	X00ADW172210	C5A	1234567	DOVER AIRPORT	2003-04-24 00:00:00.000000	2003-04-24 00:00:00.000000
Booked	2222	Air	Tony Roberts	123456789	X00ADW172210	C5A	1234567	DOVER AIRPORT	2003-04-24 00:00:00.000000	2003-04-24 00:00:00.000000

Done My Computer

Example Report 1:

This layout represents a simplification of the default passenger query report.

The column order has changed, selected columns have been removed, the sort order has been modified, and the background style of the report has been changed to gray.



# I&S - Custom Field Selection



The screenshot displays the WebFOCUS Report Assistant interface within a Microsoft Internet Explorer browser window. The interface includes a left sidebar with buttons for Help, About, Run, Run Deferred, Save, Save As, and Quit. The main area is divided into several sections: a 'Fields' list on the left, a 'Column Fields' list on the right, and 'Sort Fields' and 'Across Fields' sections at the bottom right. A red arrow points to the 'Fields' tab. A black circle highlights the 'CLOSE\_WATCH' and 'CRITICAL\_LEG' fields in the 'Fields' list. A black arrow points from a text box to the 'CLOSE\_WATCH' field in the 'Column Fields' list. Another black arrow points from a text box to the 'CRITICAL\_LEG' field in the 'Column Fields' list. A third black arrow points from a text box to the 'MISSION\_NO' field in the 'Sort Fields' list. A fourth black arrow points from a text box to the 'CRITICAL\_LEG' field in the 'Across Fields' list.

To begin, highlight field(s) and click ADD in List Mode or drag and drop fields in Tree Mode.

Fields: ☐ List ☐ Tree Options

Column Fields: ☐ Sum ☒ Detail

Sort Fields: MISSION\_NO

Across Fields:

Additional fields are provided in the reporting objects that are not available in the default query portlets.

In this example, a report is being selected to display a close watch mission, or missions with a critical leg.

# I&S - Renaming Field Selections



WebFOCUS Report Assistant - Microsoft Internet Explorer

Highlight the field you want to customize •

Fields **Field Options** Headings Selection Criteria Report Options

Help About Run Run Deferred Save Save As Quit

Column Fields:  
DEST  
STA  
ATA  
CLOSE\_WATCH  
CRITICAL\_LEG

Field Title  
Arrival Time  
(Actual)

Sort Fields:  
MISSION\_NO

Column Options:  
(None)

Current field format:  
A10  
Change

Across Fields:

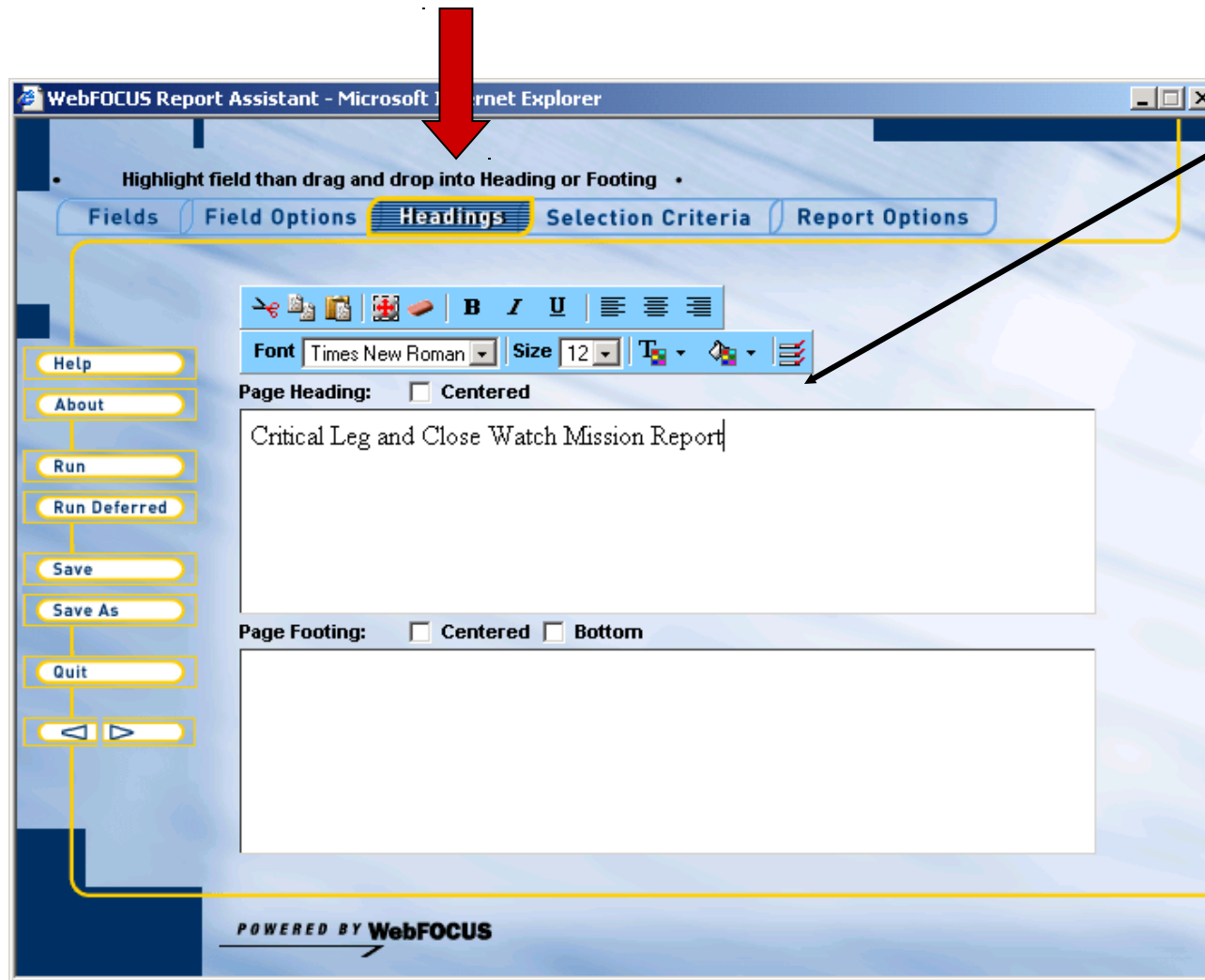
Visible  
Include missing instances

Styling options:  
Field  
Drill Down  
Conditional  
All Fields

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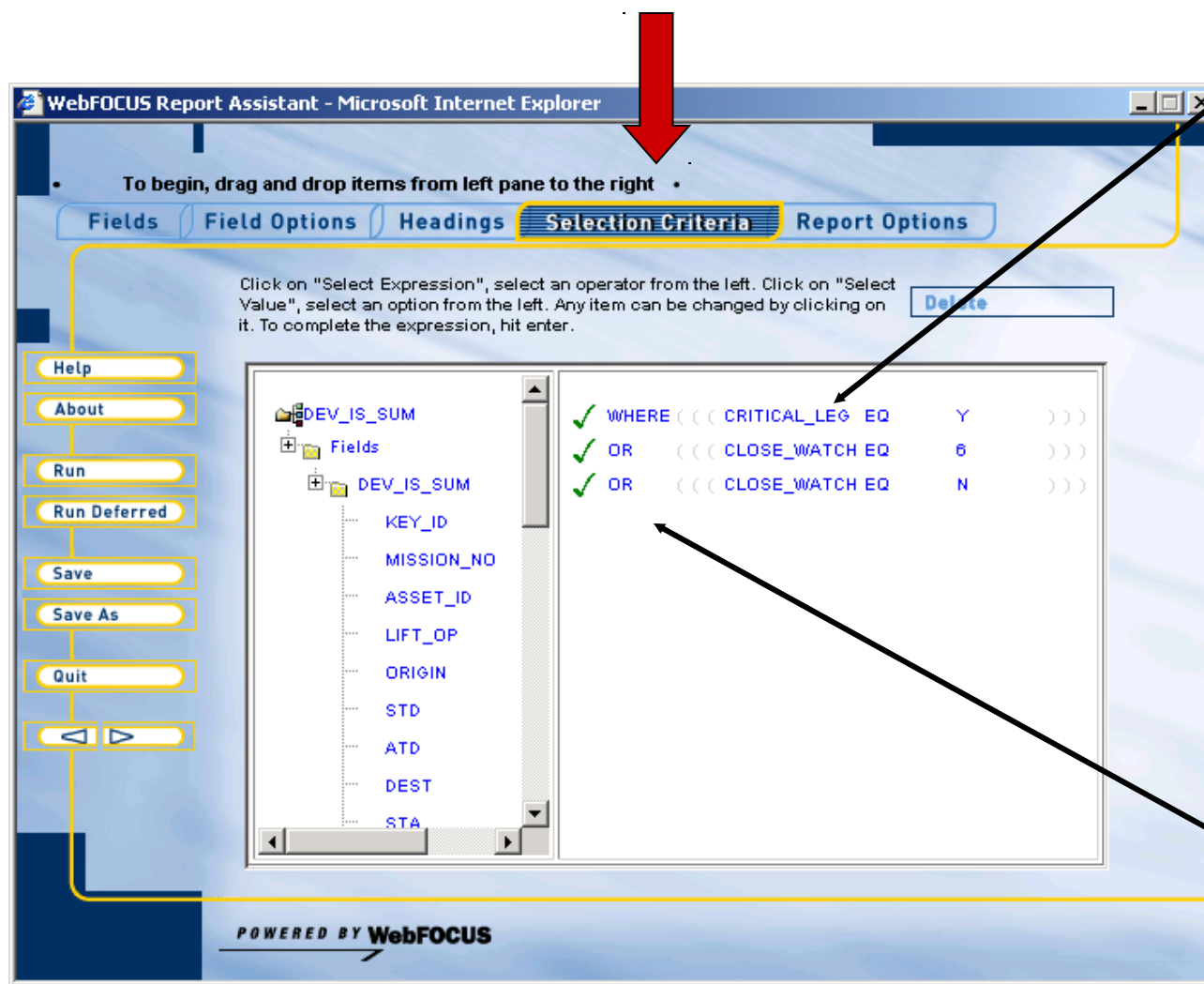
The user has the capability to rename all columns selected for an Ad Hoc report.

# I&S - Creating a Report Heading



This slide represents a custom Page for an Ad Hoc "Critical Leg and Close Watch Mission Report".

# I&S - Defining Report Selection Criteria



In this example no predefined filters are used. The user selected a custom selection criteria to constrain the report to include only missions with a critical leg and missions with a close watch code of '6' or 'N'.

In the Ad-Hoc Report Assistant, the user is given the ability to use '**OR**' conditions to constrain the query.

# I&S - Customized Ad-Hoc Report



FOCUS Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address

**Critical Leg and Close Watch Mission Report**

<u>Mission Number</u>	<u>Aircraft Type</u>	<u>Tail Number</u>	<u>Destination</u>	<u>Arrival Time (Scheduled)</u>	<u>Arrival Time (Actual)</u>	<u>Close Watch Code</u>	<u>Critical Leg Code</u>
GMJZ10224358001	C5A	12345	KDOV	0600 3027	0800 3027	N	.
GMJZ10224358002	C5A	22457	KSTL	0800 3027	0800 3027	.	Y
GMJZ10224359105	C5A	255547	KDOV	0800 3026	0800 3026	6	.
GMJZ10224359106	C5A	144747	KSTL	0800 3027	0800 3027	.	Y

Done My Computer

Example Report 2:

This slide represents and example of an Ad-Hoc Report Critical Leg and Close Watch Mission Report

There are 4 missions with a close watch code of '6' or 'N' **'OR'** a critical leg.

# Cargo - Customizing Fields



WebFOCUS Report Assistant - Microsoft Internet Explorer

To begin, highlight field(s) and click ADD in List Mode or drag and drop fields in Tree Mode

**Fields** | Field Options | Headings | Selection Criteria | Report Options

Fields: ☒ List ☐ Tree Options

Name	Ali
<input checked="" type="checkbox"/> TCN	TC
<input type="checkbox"/> WGT	W
<input type="checkbox"/> HEIGHT	HE
<input type="checkbox"/> DESCRIPTION	DE
<input type="checkbox"/> RF_TAG	RF
<input type="checkbox"/> CARR_TRK#	Ca
<input type="checkbox"/> ITEM	It
<input type="checkbox"/> MFG_PART#	M
<input type="checkbox"/> NSN	NS
<input type="checkbox"/> UPN	UP
<input type="checkbox"/> STATUS	St
<input type="checkbox"/> UIC	U
<input type="checkbox"/> SVC	Sv

Column Fields:  
☒ Sum ☐ Detail

ITEM_NAME
NSN
MFG_PART#
DESCRIPTION
RF_TAG

Sort Fields:

Across Fields:

Compute Temporary Field

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This slide represents a cargo report where a user is able to add columns, change the sort, etc. This example will show how a user can retrieve more specific information about a shipment ID.



# Cargo - Customizing Field Options



WebFOCUS Report Assistant - Microsoft Internet Explorer

Highlight the field you want to customize •

Fields **Field Options** Headings Selection Criteria Report Options

Column Fields:

- SHIPMENTID
- NSN
- MFG\_PART\_#
- RF\_TAG
- CARR\_TRK#

Field Title

SHIPMENT ID

Sort Fields:

Column Options:

(None)

Current field format:

A15

Change

Styling options:

Field

Drill Down

Conditional

All Fields

Across Fields:

☒ Visible

☐ Include missing instances

POWERED BY WebFOCUS

Column headings can be customized to reflect the user's preferences. This example illustrates the user changing the column title.

# Cargo - Customizing Field Styling



WebFOCUS Report Assistant - Microsoft Internet Explorer

WebFOCUS Styles Dialog -- Web Page Dialog

Font: Proportional Fixed

Style: Normal Bold Italic Underline

Size: 8 9 10 11

Set Style for:  
☒ Title & Data  
☐ Title Only  
☐ Data Only

Title Style (Selected)

Data Style (Selected)

☒ Text Color Black  
☐ Background Color

Justification LEFT

☐ Use a predefined WebFOCUS Style Sheet (Disables custom styles and conditions)  
☐ Use a predefined Cascading Style Sheet

deflt

Help Reset OK Cancel

The user can edit the Field Styling by clicking on the Field button in the Report Assistant on the Field Options tab.

Current field format: A15  
Change

Styling options:  
Field  
Drill Down  
Conditional  
All Fields

# Cargo - Drill Down Capabilities



The user can link a field to another report by clicking on the Drill Down button in the Report Assistant on the Field Options tab.

The WebFOCUS Drill Down Dialog window allows the user to add a Drill Down to a pre-defined report.

Users can also add alternate comments to appear when they move the mouse to a specific hyperlink.

# Cargo -Conditional Reporting



The user can add conditions to the Drill Down by clicking on the Conditional button in the Report Assistant.

Condition: Condition 1

Field: SHIPMENTID  
NSN  
MFG\_PART\_#  
RF\_TAG  
CARR\_TRK#  
TCN  
PROJECT\_CODE  
CONTAINER\_#  
CONTAINER\_TYPE  
DODIC  
BL

Relations: is equal to

Compare Type: ☒ Value ☐ Another Field

Please select value.  
U87S65466353751

Values

OK

Cancel

Current field format: A15  
Change

Styling options:  
Field  
Drill Down  
Conditional  
All Fields

In this example, the user chose to filter by the Shipment ID

# Cargo - Customizing All Fields



The screenshot shows the 'WebFOCUS Report Assistant - Microsoft Internet Explorer' window. In the foreground, the 'WebFOCUS Styles Dialog -- Web Page Dialog' is open. It contains the following settings:

- Font:** Proportional (selected), Fixed
- Style:** Normal (selected), Bold, Italic, Underline
- Size:** 8, 9, 10 (selected), 11
- Set Style for:** ☒ Title & Data, ☐ Title Only, ☐ Data Only
- Title Style (Selected):** (Empty box)
- Data Style (Selected):** (Empty box)
- Text Color:** ☒ Black (selected), Background Color
- Justification:** LEFT (selected)
- ☐ Use a predefined WebFOCUS Style Sheet (Disables custom styles and conditions)
- ☐ Use a predefined Cascading Style Sheet
- Buttons:** Help, Reset, OK, Cancel

In the background, the 'Report Assistant' window is visible. It shows the 'Current field format:' section with 'A15' and a 'Change' button. Below it, the 'Styling options:' section has four buttons: 'Field', 'Drill Down', 'Conditional', and 'All Fields'. A red arrow points to the 'All Fields' button. A text box with a pointer to the 'All Fields' button contains the following text:

The user can add Report Styling to all fields by clicking on the All Fields button in the Report Assistant.



# Cargo - Customizing Report Headings



WebFOCUS Report Assistant - Microsoft Internet Explorer

Highlight field then drag and drop into Heading or Footing

Fields Field Options **Headings** Selection Criteria Report Options

Help About Run Run Deferred Save Save As Quit

Font Times New Roman Size 12

Page Heading: ☒ Centered

Ad Hoc Report based on Shipment ID

Page Footing: ☐ Centered ☐ Bottom

Cargo Report - Microsoft Internet Explorer

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Ad Hoc Report based on Shipment ID

SHIPMENT ID	NSN	MANUFACTURERS PART #	RF TAG #	CARRIER TRACKING TCN	PROJECT CODE	CONTAINER #	CONTAINER TYPE	DODIC	BL
<a href="#">U87S65466353751</a>	8540002767569	1254355	369248	CT12345	SW312331130196XXX	NGH	154	CT5	A089 BL12345



# Cargo - Customizing Selection Criteria



WebFOCUS Report Assistant - Microsoft Internet Explorer

To begin, drag and drop items from left pane to the right

Fields | Field Options | Headings | **Selection Criteria** | Report Options

Click on "Select Expression", select an operator from the left. Click on "Select Value", select an option from the left. Any item can be changed by clicking on it. To complete the expression, hit enter.

Delete

Help  
About  
Run  
Run Deferred  
Save  
Save As  
Quit

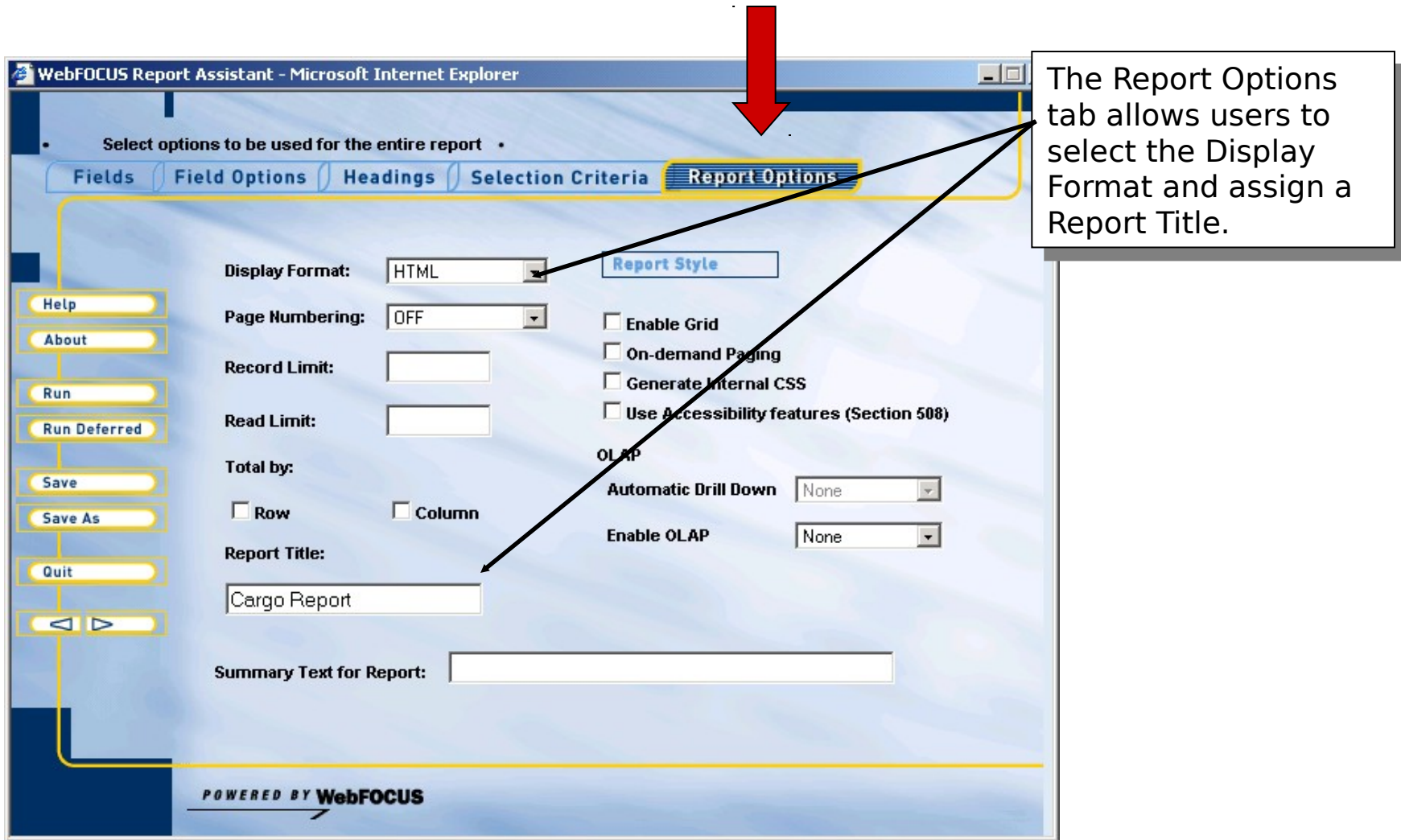
- Enter Value
- Retrieve Values
- Parameter
- Fields

✓ WHERE ( ( ( NSN EQ 8540002767569 ) ) )

Selection Criteria can include field level values.

In this example, the user chose to use the following NSN.

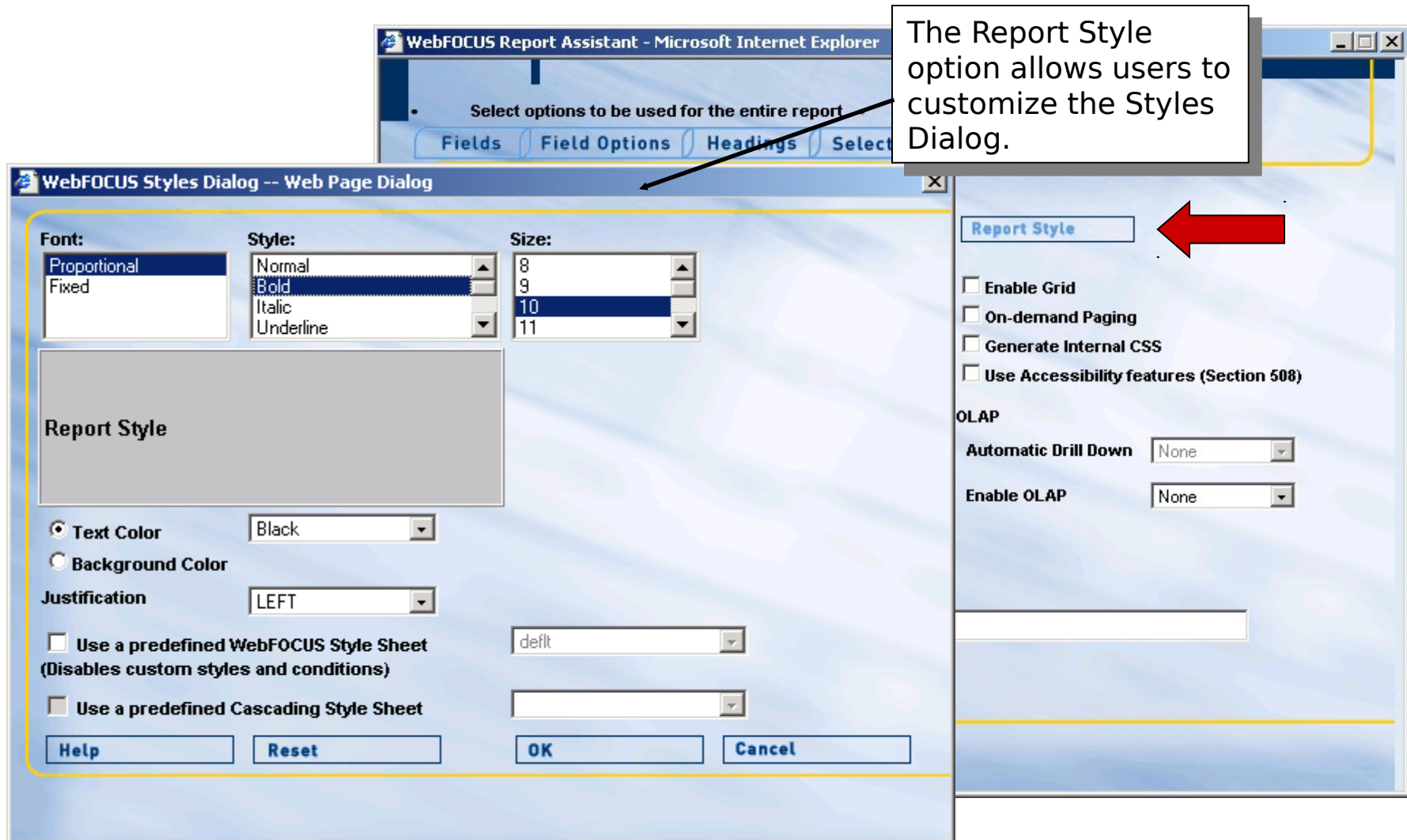
# Cargo - Customizing Report Options



The screenshot displays the WebFOCUS Report Assistant interface within a Microsoft Internet Explorer browser window. The interface features a top navigation bar with tabs: Fields, Field Options, Headings, Selection Criteria, and Report Options. The Report Options tab is selected and highlighted. A red arrow points to this tab. A callout box with a black border and white background contains the text: "The Report Options tab allows users to select the Display Format and assign a Report Title." Two black arrows point from this callout box to the "Display Format" dropdown menu (set to "HTML") and the "Report Title" text field (containing "Cargo Report"). The interface also includes a left sidebar with buttons for Help, About, Run, Run Deferred, Save, Save As, and Quit. The main content area contains various settings: Display Format (HTML), Page Numbering (OFF), Record Limit, Read Limit, Total by (Row/Column), Report Title (Cargo Report), Summary Text for Report, and OLAP options (Automatic Drill Down, Enable OLAP). A "Report Style" button is also visible. The bottom of the interface features the "POWERED BY WebFOCUS" logo.

# Cargo -Report Styling

The Report Style option allows users to customize the Styles Dialog.



WebFOCUS Report Assistant - Microsoft Internet Explorer

Select options to be used for the entire report

Fields Field Options Headings Select

WebFOCUS Styles Dialog -- Web Page Dialog

Font: Proportional Fixed

Style: Normal Bold Italic Underline

Size: 8 9 10 11

Report Style

☒ Text Color Black

☐ Background Color

Justification LEFT

☐ Use a predefined WebFOCUS Style Sheet (Disables custom styles and conditions)

☐ Use a predefined Cascading Style Sheet

deflt

Help Reset OK Cancel

Report Style

☐ Enable Grid

☐ On-demand Paging

☐ Generate Internal CSS

☐ Use Accessibility features (Section 508)

OLAP

Automatic Drill Down None

Enable OLAP None

# Cargo - Comparing Standard Report Output and Ad Hoc Report Output



**Cargo Query Parameters:**  
 Mode Air Shipment ID: U87S65466353751 ICAO: ESTL  
 Run by: Travis Edwards Start Time: Wed Jun 18 13:57:25 CST 2003

**Shipment Unit**

Data Quality Indicator	Shipment ID	Manifest # / Bill of Lading #	RDD	Project Code	Hazardous Code
Y	U87S65466353751	BL12345	May 25 2003 4:44PM	NGH	HZ3

## Default Fields in Shipment Unit Report

- Data Quality Indicator
- Shipment ID
- Manifest # / Bill of Lading #
- RDD
- Project Code
- Hazardous (represents multiple fields)

## Potential Fields used for Ad Hoc reports

- |  |                        |                     |
|--|------------------------|---------------------|
| • Data Quality Indicator                 | • NSN                  | • Container Type    |
| • Shipment ID                            | • Manufacturers Part # | • DODIC             |
| • Manifest # / Bill of Lading #          | • RF Tag               | • BL                |
| • RDD                                    | • Carrier Tracking #   | • Pieces            |
| • Project Code                           | • TCN                  | • Vendor Contract # |
| • Hazardous (represents multiple fields) | • Container #          |                     |

**Cargo Report - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

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**Ad Hoc Report based on Shipment ID**

SHIPMENT ID	NSN	MANUFACTURERS PART #	RF TAG	CARRIER TRACKING #	TCN	PROJECT CODE	CONTAINER #	CONTAINER TYPE	DODIC	BL
<a href="#">U87S65466353751</a>	8540002767569	1254355	369248	CT12345	SW312331130196XXX	NGH	154	CT5	A089	BL12345

# Cargo - Drill Down Report



**Cargo Report - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print View Source Y

**Ad Hoc Report based on Shipment ID**

SHIPMENT ID	NSN	MANUFACTURERS PART #	RF TAG #	CARRIER TRACKING	TCN	PROJECT CODE	CONTAINER #	CONTAINER TYPE
<a href="#">U87S65466353751</a>	8540002767569	1254355	369248	CT12345	SW312331130196XXX	NGH	154	CT5

**FOCUS Report - Microsoft Internet Explorer**

**Related Shipment Units**

Data Quality Indicator	Shipment ID	Manifest # / Bill of Lading #	Item Name	Commodity Code
Y	2956413296	PO123	PAPER	784/8
Y	2956413297	PO123	PAPER	784/7
G	2956413289	PO127	PLAST	784/6

Fragile APLS APLS P77 PUO 240345Z Jan 03 L91DX33

This slide demonstrates the output generated when drilling down on the cargo ad-hoc report.

The linked report displays the Related Shipment Units for the shipment ID selected

# Feedback / Questions ?